

#### NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety Washington, D.C. 20594

February 21, 2015

#### **Attachment 5 – IFE Witness Statements**

### OPERATIONAL FACTORS

**DCA15MA019** 

# COPY

Fortage from long range cornera (Edward)
Witness Statements

In accordance with WATR IFE SOP, DOP-M-101, all WATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information. PROJECT EVENT:

Space Ship Z

EVENT DATE: 10/31/14

WITNESS STATEMENT:

Shortly after release with engines Tunning the nose of the aircraft pulled up at this point the aircraft broke apart and Fell to the ground

NAME and ORG CODE (Please print): Tim Burt SIGNATURE:

TITLE Field Bervice engineer

DATE/TIME;

(b) (6)

MK

10/31/14 10:33

In accordance with WATR IFE SOP, DOP-M-101, all WATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

	PROJECT EVENT:	5000		or the statement is (	considered privileged information.	
- 1	!					EVENT DATE:
	WITNESS STATEMEN	NT: ALT	GO TUL	A)2/204 222 22		10-31-2014
1		17 [1	EL THE	A10/04		

AFTER THE AIRCRAFT RELEASE LOOKS FLYING OR AND THEN AFTER

FEW SECONDS THE AIRCRAFT TURN UP AND BROKEUP AND FALLING DOWN TO

NAME and ORG CODE (Please print):	
SIGNATURE:	ELECTRONIC TECHNICAN III
D-WK 337-8	DATE/TIME: 10-31-2014

In accordance with WATR IFE SOP, DOP-M-101, all WATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

Itan	Ship II	EVENT DATE:
WITNESS STATEMENT:	Ships II	EVENT DATE:
Hoperan	30 Sec after Delease arrangs	
	The state of the s	
Stoblyer	beate off - aircraft wort out	Varteel
Control	of Tumbled too too the grand.	o f

NAME and ORG CODE (Please print):	TITLE:
SIGNATURE:	Electrones Tock III
(b) (6)	DATE/TIME: 10/31/14
D-WK 337-8	10:3/194



#### RADAR WATR PREFLIGHT

DATE 304 A/C 552 OP# 26997 FLIGHT#\_\_\_\_ DFILE 24 INT. S663 REPLY S660 CODE \_\_\_\_\_DELAY\_ Angle Lockons BEACON SKIN AZ S194,95 EL 17.76 1. Pre Mislevel Complete 2. Phasing Complete 3. Optics Mounted & Tested 4. **Board Checks Complete** Precals Complete 5. Postcals Complete 6. Mission Utilizations Complete 7.

Operator DU15

·		RADAR CA	LIBRAT	ION M	ussion :	REPORT		DAT	li (rahi)	
RIR W START TEM					CPS NUM		JOH NUMBER		SOY REV HUMBER (CHIES	
ADCRAFT!	17/2	ARCHATI NILOSSE				26 997			24	
SS2			ш,	CPHRATOR		3				
L BEACON PARAMETERS				カール						
MIEGOGATE PREQUENCY				S/50 100		₩.	ANTERNA	CONFIGURAT	TION	
TRANSAIT PREQUENCY			5650		TRANSMIT PREQU					
3.			5660		B Mark	Programme Landon Sect.			5660	
FULSE CODE SPACENCE				1990		RECEIVE PREQUENCY			5663 m	
DELAY		vi)		-		PULSE CODE SPACING			2880	
			/		FIRE				the second	
P.S.45 W2	PIN .			, ,	- sept	DELAY			managements. US	
<u>E</u>		NEW WEATHER DATA	PRE	PST		PRF		111		
WHY HILD	1			1	•#				160 m	
DRY BULB			50	51		FULSE WIDTE	. P	1	5 -980	
			60	63	• 7	RECEIVER BANDWE	TH (Wideh)			
Palasina		919	9192	+				No		
No.			<del>-                                     </del>	1172	MEARS	RANGE RANDWIDTH	(Podfas)		3	
WIND DOM	PIENN		170	179	•	ANGLE BANDWIDTH	580-3		POSTDON	
WIND VELO	<u>भार</u>		10	11		AZEA				
GUSTS		3		11	Kasta	770			2	
			-	Elento .				2		
7648			1615	161517:16 2		VI. CALIERA		TION		
III. MESSION OF ELATERS (mails			millio)	TOWEL		Q.	PRE OCHO PROFI			
TIME OF ADS			-			AZ				
			<del></del>		Zuin,	NORMAL		31	94,95 5194	
WEYZ/THED I	MEASURED PCA			<b>●</b> EEZ.			21.	1 /	7.65 17.6	
MEASURED M	BONA MINER			76			AZ			
MAY TROOTS	L SIGNAL STRENGTS		<del> </del>			DUMP				
	TOTAL STRENGTH		1 "				21.	/	7.(5 17,6	
TIME OF LOS					Zula		RANGE TAR	est.		
IV.		DATA RECORDED				REDN	11000	2		
	TAPE ON (Zale)		TAPE	OFF (Zish)			1153	= 5	11525	
FRE CALE	16	05 50				BEACON		1		
PERMIT						Diller (Skin-Beaum)				
1091 CYTH			171	14	2.6	DOM: T. And				
	16:04					1300. X PDG	Sie Contraction of the Contracti		1	
AZ(\$61)	IRE (Set)	POST (Sec)	AZOR		VERLEVEL, FREE CE					
•	GIN		2400			POST (See)	AZ(MB)	FFEE CS	ec) POST (See)	
400							4000	ľ		
	-27.8Y		2000	1	_		5200			
****	G-711		3200				\$600			
1200	-6,44									
1600				4000			4000			
			4000				4400			
2000		T	4400	_				in tour		
						I				

In accordance with DATR IFE SOP, DOP-M-101, all DATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

Space Ship 2 Test Flight

EVENT DATE:

10-31-14

WITNESS STATEMENT

After Diopend Engine Fire it appeared That the Bhip broke apalt and began falling I continued go Track the Alverage with Radio 34 untill IT went behind a hill,

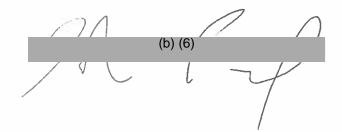
D Bos 70h

In accordance with DATR IFE SOP, DOP-M-101, all DATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

White Knight I Space Ship I Powered Flight Test

Noticed I writered all faithge via my computer. Approximate 9:20 takeoff. Video tracking was solid for entire climb to altitude. Clarity of video degraded until about 10:00 when the forlage was clarified @ altitude (operator played with brightness/contract, etc until better capture). Lamach was @ 10:07. Nominal release of spaceship II; Motor Ignition was about 1-2 seconds after Release. With Ignition tooked good; SSII accelerated horizontal for several seconds, then started a pull-up moneyver, that about a flight path angle of 30° the welide bunked starbourd about 20-30 degrees. A second after albut the back ent of the vehicle exploded. The webide appeared to van 1800 clockwise over the next several seconds, with the aft end on Fire. The viden feed was then cut.

Jonathan Pickrel



In accordance with DATR IFE SOP, DOP-M-101, all DATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

PROJECT EVENT White knight 2 with spaceship 2 EVENT DATE, WITNESS STATEMENT.

after 552 seperated from WK2 it duopped and engine fired rominally, several seconds later wehicle started pitch up to gain altitude. Vehicle broke up into several Pieces. LRO Followed largest piece to the ground. I didn't see any chutes or other crew escape.

10/31/14 10/33 am

In accordance with DATR IFE SOP, DOP-M-101, all DATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

PROJECT EVENT

OPH 56/4 WHITE SUIGHT SPACESHIP 2

EVENT DATE:

JION 14

TOBSERVED 552 SEPARATE FROM WKZ,
THEN POOSTER # 1901TED AND 552 STRETED
A GRADUAL CLIMIS FOR APPROX 10 SECS THEY
IT APPEARED TO EXECUTE A VIOLENT
PITCH UP. THEN AN EPERPLOSION. THE
VEHICLE BEMAINED LARGELY IN THET WITH
ONE OTHER PIECE IN THE FIELD OF VIEW

AFRC 80337 Rev: 1.0

11

In accordance with DATR IFE SOP, DOP-M-101, all DATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

PROJECT EVENT

DP # 56/4 White Knight/Space Ship 2

WITNESS STATEMENT:

EVENT DATE:

I was watching the white knight flight, it separated the booster went off, it started to climb of then it looked like it broke into several pieces of some part were on fire.

Laura I takse

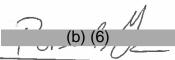
In accordance with DATR IFE SOP, DOP-M-101, all DATR project support personnel will use this statement to document as accurately as possible all observation and information pertinent to the nature of the IFE. Upon completion, the statement will be submitted to the RCO. This statement is considered privileged information.

WITNESS STATEMENT:

EVENT DATE:

DURING FIRING OF MOTOR (552) AFTER SEPERATION I WITNESSED EITHER AN AIRCRAFF STRUCTURAL

MALFUNCTION OR EXPLOSION. RADAR + VIDEO @ NASA TRACKES TO GROUND



POBERT GUENE, ROO